

**THERAPY OPTIMIZATION IN HEART FAILURE PATIENTS BASED ON
MINUTE VENTILATION PATTERNS**

Abstract

- 5 A method and system for operating a rate-adaptive pacemaker utilizing minute ventilation to measure exertion level. The method is applicable to heart failure patients who exhibit an oscillatory minute ventilation pattern.

"Express Mail" mailing label number: EV019094384US

Date of Deposit: March 1, 2002

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.